

Amendments to the Specification:

Please replace the paragraph beginning at page 11, line 5 as with the following amended paragraph (please add an indent at the beginning of line 5, and please delete the space between “sensor” and the comma in line 11, and please substitute “67” for “66” in line 15):

As schematically shown, the sensors may each be a thermocouple, formed by the fusion of two dissimilar metal conductors, a resistance temperature detector (RTD), a thermistor, or any electronic thermal measurement device performing the same function. Thermal sensor 68 is electrically connected to conductors 69 and 70, while thermal sensor 71, positioned adjacent to and in close proximity to surface 66, at distance 72, in the ambient surroundings 67, is electrically connected to conductors 73 and 74. Additionally, a humidity sensor 75, illustrated as a thin-film capacitive relative humidity sensor, but which may be any other sensing device that performs a similar function is positioned immediately adjacent to thermal sensor 71, but also may be mechanically affixed to or otherwise mechanically attached to thermal sensor 71, it also being in close proximity to surface 66, at distance 72, in the ambient surroundings ~~66~~ 67. Capacitive sensor 75 is electrically connected to conductors 76 and 77.